Work Orde September-23-1	er ID 107340 3 11:48:25 AM	0 40 60 - B 1 0 7 3		*107	7340*							Page 1
Item ID: Revision ID: Item Name:	D4060-1 Ski Clamp, Top		40	Accept L.	*N900	040 1	יחח?	k Se	etup	Start Stop	*N	S1*
Start Date: Required Date: Reference:	9/18/13 Start Q	ty: 16.00 Qty: 16.00	*16* *16*	40	Cust Item II Customer:	D:					N	5 /"
Approvals:	Process Plan: ML		e: 13-09-25 e:	Tooling: SPC (Y/N):		te:		R		Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center I	Operati D Descrip			Set Up/ Run Hours	Tool ID			Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Revision Nbi	•							· · · · · · · · · · · · · · · · · · ·			
D4060	A [']	j										
100	*			0.00					<i>[</i> i			
100 Purchasing Purchasing		Memo Issue P/O:	-	0.00				CZ		13/	09/2	6 (40)
*110 *110*	Receive &	ι Inspect for Damage &	: Mat'l Certs	0.00				//	/		<u> </u>	
Packaging		Memo		0.00			. –	/ -	19	1-19	27	79

Packaging

										DQA:	Date	•
NCR: Ye	es / No				WORK ORDER NON-O	CON	IFORM	MANCE / UPE	4	QA Closed:	Date	•
Work Orde	r:				DISPOSITION				AGAINST D	DEPARTMENT	/PROCESS	
Part N					Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
								• 🗀	' -			
Root				Descri	ption of work order update	lr	nitial	Acti	ion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chi	ief Eng	Descr	iption	Date	Verification	QC Inspector
Doc/Data			-								:	
quip/Tooling												
Operator											1	
Material	_											
Setup												
Other												
Process		į										
Supplier	_	1										
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Jnapproved		<u> </u>				A 1 11 :	TCATE	CORY				
l andin	g Gear				F. General	AUL	T CATE	GURY				
Lanuin	Bending				Bend		Grain		Г	Ovalized		Pressure/Forced
	Centre No	ot Conce	ntric to C	,/s	BOM/Route	_	Hardwa	uro.		Over/Under	toloranco	Temperature/Cure
-	Cracks	or conce		″³	Broken/Damaged	\vdash		ion Incomplete		Part Incorre	h	Weld
ŀ	Crushed/	'Crimned			Burrs	-		ions Incomplete/U	Inclear	Part Lost/M		Wrong Stock Pulled
}	Cuffs	Cimped		-	Contamination	-	Mainte	•	-	Part Moved	133111g	
<u> </u>	Heat Trea	at			Countersink	\vdash	Mislabe		<u> </u>	Positioned \	Vrong	
f	Inspectio		Tube	<u> </u>	Cut Too Short	\vdash	Misread		-	Power Loss/		Other
ŀ	Ripples in	-	-		Drill Holes	-	Offset		L,		<u> </u>	
Ì	Torque W		Extrusion	,	Drawing	-		Calibration			· · · · · · · · · · · · · · · · · · ·	
ļ	Turning S				Finish	-		Sequence				
	- Waye/Tw				T _{Eolio}	-		Dimensions		•		

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Work Orde September-23-1.				*1073	40*				Pag	e 2
Item ID: Revision ID: Item Name:	D4060-1 Ski Clamp, To	op		Accept	^เ N9000)40100)* Se	etup Start Stop	14771	
Start Date: Required Date: Reference:	9/18/13 9/23/13	Start Qty: 16.00 Req'd Qty: 16.00	*16* *16*		Cust Item ID Customer:	:				
Approvals:		an:	Date:	Tooling: SPC (Y/N):	Dat	e:	R	un Start Stop	"INK I	_
Sequence ID/ Work Center I 120 *120* QC Quality Control	D	Operation Description QC6- Inspect dimensions Memo	to drawing	Set Up/ Run Hours 0.00 Sh 1	Tool ID	Tool # Plan Code	Accept Qty	Reject Qty	Reject Insp. Number Stamp	1
*130 *130* Packaging Packaging		Identify as per dwg & St	ock Location: <u>ST4</u> 57	0.00 0.00			40x	DAS 28 989	13-10-20	5_

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

140

Quality Control

ARM 13/10/29.
MF
13-10-85

										DQA:	Date:	
NCR:	es / N	o			WORK ORDER NON-	COI	NFORM	/ANCE / UF	PDATE			•
										QA Closed:	Date:	
Work Orde	.r.				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIK OIGE					Rework	٦		Skid-tube	Crosstube	7	Water Jet	Engineering
Part N	No.				Scrap	1		Machining	Small Fab	l Pro	d. Eng. Coor.	Quality
					Use-as-is	1 1		noforming	Finishing	4	re/Packaging	Other
NCR I	No.				Work Order Update	1		Large Fab	Composite	1	Supplier	
						_		<u></u>				
Root					ption of work order update		Initial		ction	Sign &		
Cause	Dat	e Step	Qty		or Non-conformance	Ch	ief Eng	Des	cription	Date	Verification	QC Inspector
Doc/Data	Ш											
Equip/Tooling	Ш											
Operator	Ш	Ì										
Material	Ш											
Setup												
Other												
Process		- [
Supplier			1 1									
Training												
Unapproved												
					<u> </u>	AUI	T CATE	GORY				
Landi	ng Gear			_	General		-			_		-
	Bend	ng			Bend		Grain			Ovalized		Pressure/Forced
	Centr	e Not Conce	entric to (o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Crack	S			Broken/Damaged	L	Inspecti	on Incomplete		Part Incorre	ct	Weld
	Crush	ed/Crimped	i t		Burrs		Instruct	ions Incomplete	/Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte	nance		Part Moved		
	Heat	Treat			Countersink		Mislabe	led		Positioned V	Vrong	_
	Inspe	ction Strip i	n Tube		Cut Too Short		Misread	l		Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

September-23-13 11:48:25 AM

Page 1

Work Order ID:

107340

Parent Item:

D4060-1

Parent Item Name:

Ski Clamp, Top

Start Date: 9/18/13

Required Date: 9/23/13

Start Qty: 16.00

Required Qty: 16.00

Comments:

IPP Rev:A new issue DD 10.02.16 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4060-1P		Purchased	No			110	Each	0.0000	1	16	40		
Ski Clamp, Top												www.	

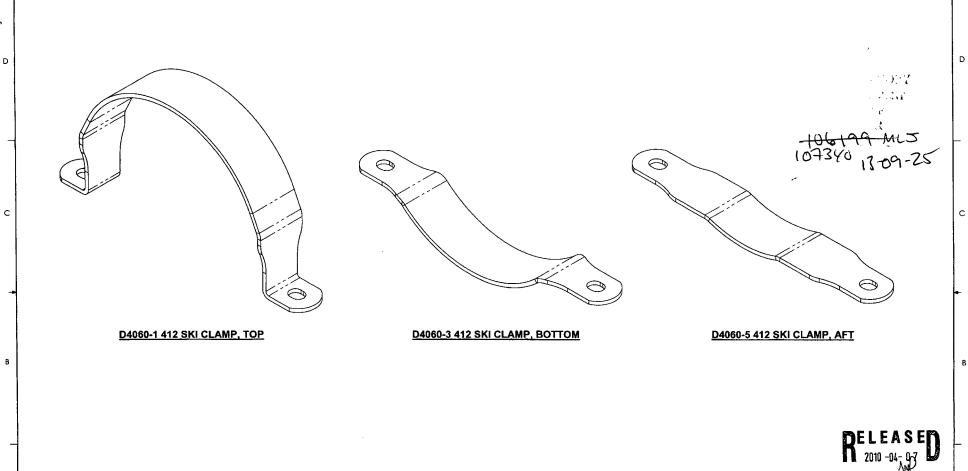
[-13/1/27 (40)

										DQA:	Date:	
NCR: Yes	/ No				WORK ORDER NON-C	ON	FORM	MANCE / UP		QA Closed:	Date:	•
Work Order:					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
Part No.					Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	In	nitial	Act	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chi	ef Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other												

			FAUL	LT CATEGORY		
Landing	Gear	General		_	_	
	Bending	Bend		Grain	Ovalized	Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route		Hardware	Over/Under tolerance	Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete	Part Incorrect	Weld
Γ	Crushed/Crimped	Burrs		Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance	Part Moved	 -
	Heat Treat	Countersink		Mislabeled	Positioned Wrong	_
	Inspection Strip in Tube	Cut Too Short		Misread	Power Loss/Surge	Other
	Ripples in Bend	Drill Holes		Offset	-	
	Torque Waves in Extrusion	Drawing		Out of Calibration		
	Turning Sequence	Finish		Out of Sequence		
Γ	Wave/Twist in Tube	Folio		Outside Dimensions		

Process
Supplier
Training
Unapproved

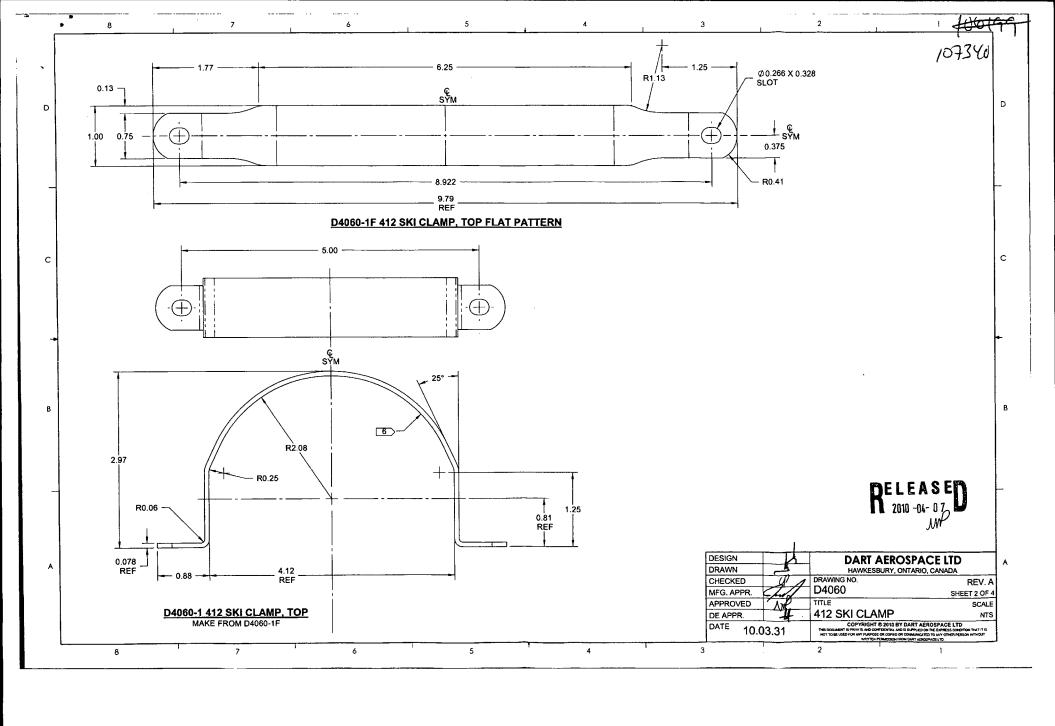
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

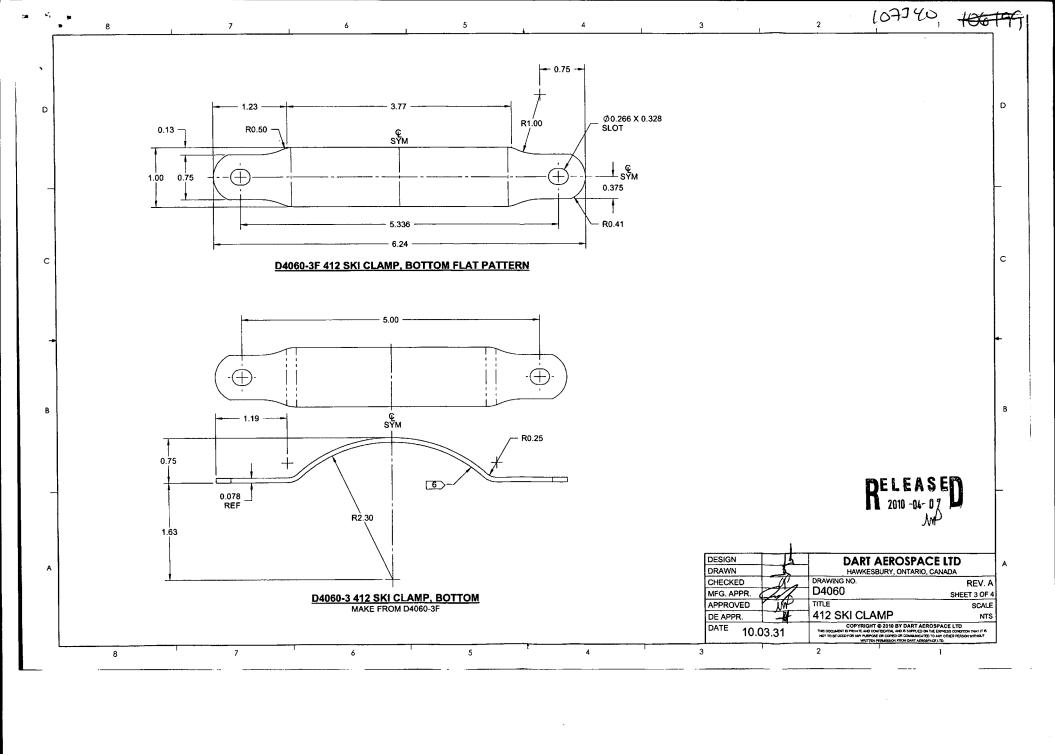


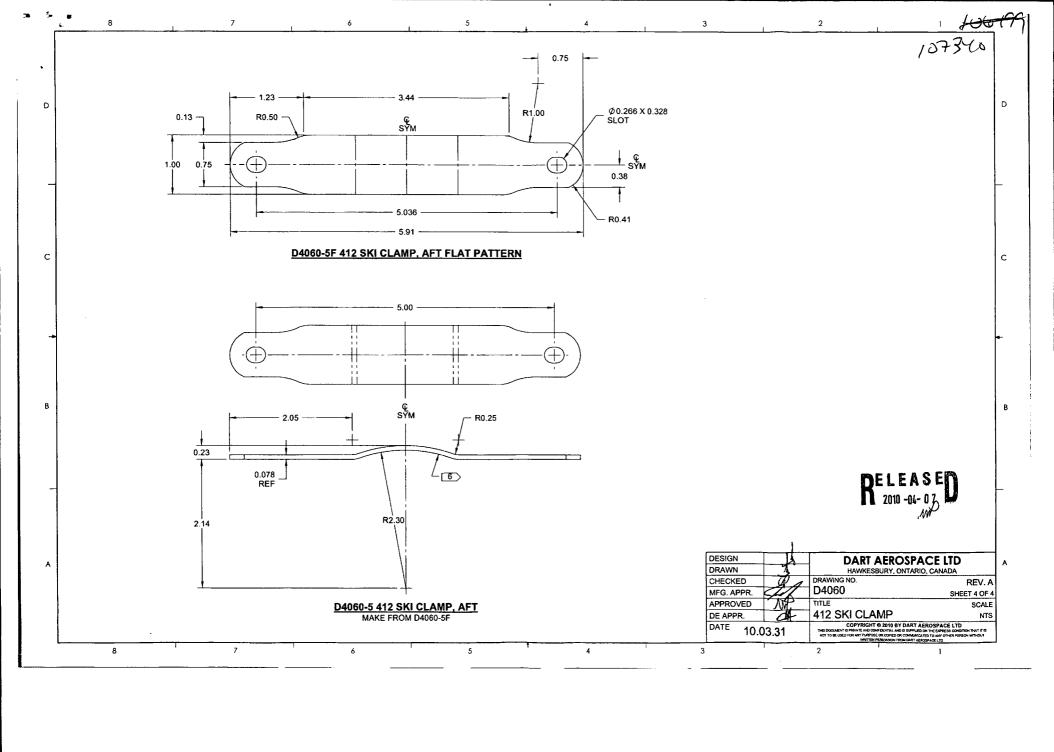
NOTES: 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, 14 GAUGE (0.078 THICK) PER AMS 5513 (304) OR 5524 (316) OR ASTM A240 OR ASME SA240 REF. DART SPEC. M304S14GA

- 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4060-X" USING FINE POINT PERMANENT INK MARKER
 7) WEIGHT: D4060-1 = 0.20 lbs, D4060-3/-5 = 0.12 lbs

NEW ISSUE Α 10.03.31 REV. DESCRIPTION DATE DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D4060 MFG. APPR. SHEET 1 OF 4 APPROVED SCALE 412 SKI CLAMP DE APPR. NTS COPYRIGHT 6 2010 BY DART AEROSPACE LTD
DEI DOLMERT B TRANTA MC DIMERDITAL MOS BERFADO IN THE CONTESS CONSTITUTION TO THE CONTESS CONSTITUTION OF THE CONTESS CONSTITUTION OF THE CONTESS CONSTITUTION OF THE CONTESS CONSTIT DATE 10.03.31









Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO21494

Purchase Order Date 9/26/2013
PO Print Date 9/26/2013

Page Number 1 of 1

Order From:

GFI

180 AVENUE LABROSSE POINTE CLAIRE, QC H9R 1A1

CA

VC-GFI001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

W3/01/24

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone Ship Via:

Ship Acct:

514 630 4877

FedEx PI collect

Buyer

Chantal Lavoie

Customer POID
Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
ı	D4060-1P	Ski Clamp, Top	10/18/2013		40.00	\$17.00	\$680.00
			Yes		Each		
			10/18/2013				
	AS PER DWG D4060 REV. A						

AS PER DWG D4060 REV. A B107340

Line Total:

\$680.00

PO Total:

\$680.00

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES

PST# 6122-5207

Change Nbr:

Change Date:

9/26/2013

3000.0



180 AVENUE LABROSSE POINTE-CLAIRE, QC, CANADA H9R 1A1 TÉL.:(514) 630-4877 - FAX:(514) 630-4849



BON DE LIVRAISON / SHIPPING MEMO

DATEDELIV	RAISON <i>ISHI</i>	PPINGDATE	N° DE BON DE LIVRAISON	PAGE
JR DY	MO- <i>M</i> O	AN YR	SHIPPING MEMO NO	
22	10	13	0523659	1/1

523659 1/1

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

VENDU À / SOLD TO

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

		•			
	CODE DE CLIENT CUSTOMER CODE	Nº DE CONTRAT JOB NO	VGT YGUR	REN° DE COMMANDE PURCHASE ORDERNO	EXPEDIE PAR SHIP VIA
DART	GFI-0299	0275082		PO21494 .	
QUANTITÉ QUANTITY		N° DE PIÈCE PARTINO		D	ESCRIPTION
40	D4060-1P			SKI CLAMP TOP	•
				CERTIFICATE OF CON	FORMANCE REQ
				·	
				r	
	мес. јов# <u>јо?750</u>	87 - 00) QTY	40 pcs	GF/	
	DUE DATE: 18 Oct			CONTRÔLE SO QUALITÉ SO	
	202 22.	2010			
				,	
					•
					•
				<i></i>	

EXPEDITEUR SHIPPER N: DEBON DE LIVRAISON SHIPRING MEMO NO



CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



180 LABROSSE AVENUE POINTE CLAIRE, QC H9R 1A1 <u>DART AEROSPACE LTD</u> 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

CERTII	FICATE NO.	OUR JOB N	O J0275082	SHIPPIN	G MEMO 052365	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
	40 PCS	PO21494	D4060-1P	Ä	SKI CLAMP TO	P
	MATERIA	e en e	SUPPLIED BY	Sapis massis kasalis	MAT.	REL. NO.
	.078 THK 30 AMS 55	 5 (2) 200 (a.g. 1) 2 (-1) 2 (1) 1 (1) 1 (2) 1 (1) 1 (METALS/ALLEGHEN	YLUDLUM		951264
1 _	FIRST A	PROCESS ARTICLE INSPECTION REP	ORT ON FILE		PROCESSOR GFI	RELEASE NOTE #
2 R	EF. GFI MANU	FACTURING JOB NUMBER	J0275082-001 (40 PCS)		GF I	N/A
3						
4						
5						
5 _						
7						
3 2						

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE

G.F.I. Q.C. REP.

DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 22 OCTOBER 2013



175 TUBEWAY

FOREST PARK

GA 30297

Tel: 404-361-5050 FAX: 4043617052

CERTIFICATE OF COMPLIANCE

			•		· Your C	Order Number:	0083098	
					Our delivery re	ceipt Number:	70521834	
						Date:	10/22/13	
				<i>;</i>		٠		:
This is to co	ertify that th	e material s	hipped a	gainst the	above order on t	he above delive	ry receipt, cons	isting of:
					Quantity:	133.63	2 LB	
	•	,			•		 	
ine Number: -	1				Grade:	304 S/S SHE	ET AMS 5513	.080
					-			
Part#: _	TS080481	204A						
••					_			
at Number:	951264							
ecification:					-			
Comeanon.						·		
						•		
mplies in all	respects w	ith the item	descript	ion.	:	. ·		,
			· (p)	. ,				
			•		BY:	Jani re	Clark	, -

Authorized Test Department Clerk

PACKING LIST

NOTICE OF SHIPMENT/

ACCEPTING MILL

CUST, CODE CUST, ORD, NO. & HATE SHIPPER NO PRODUCT CODE MILL ORDER NUMBER DATE SHIPPED 08/28/12 110977 VANDERGRIFT, PA. 1556215 13020102060000 | 30-082-678 01021271 FORMS DISTRIBUTION REPEAT DO PRI-RATE ORITY GOVT CONTRACT SHIPPING LOCATION MATL. SOLD 1 SHIP 182037-9 261 1124 VANDERGRIFT PA | 659323 PRIME SEC. SOLD TO SHIP TO DSO DSO UNITED PERFORMANCE METALS UNITED PERFORMANCE METALS 3475 SYMMES ROAD 516 3475 SYMMES ROAD HAMILTON OH 45015 HAMILTON OH 45015

GRADE AND SPECIFICATIONS CARRIER - GROSS, RONALD, INC. "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

ITEM PCS DIMENSIONS W/G/L HEAT # COIL # TEST # GROSS TARE NET THEO TAG #/ CD SKID # 1 48./.080/1327. 951264 09272N145 8798038 18360 50 18310 893786 C CUST IDENTITY 00718 1 SKID

--C--- --MN-- --P--- --S--- --SI-- --CR-- --NI-- --MO--TYPE HEAT/TEST **HEAT 951264** .019 1.77 .031 .001 .45 18.24 8.06 .33 MI ΜĪ IM MI TEST LOCATION MI MI MI MI MI MI CHECK 8798039 .016 1.76 .031 .0004 .44 18.25 8.01 .33 .51 .07 TC TEST LOCATION TC TC

TC

YIELD TENSILE % ELONG CORROSION GRAIN PSI * ITEM TEST NO % R/A HARDNESS BEND A 262 PR E SIZE HARDENABILITY 001 8798038 83. HRBW T PASS PASS 8. T 45200. 95000. 70. 84.HRBW TC TC TEST LOCATION TC TC REVIEWED BY Q.C. * Y.S. BY 0.2% OFFSET METHOD

CORROSION MELT T-YIELD P&W E-25 ITEM TEST NO ISO 3651-2 SOURCE 18 TRAN BEND PASS 001 8798038 51500. 2. .

PAGE 01 - CONTINUED ON PAGE 02

TC

TEST LOCATION

TC

18360

50

18310

10/15/12 15:22:26 The above is a true copy of date on file. The material and tost

Date 10-18-12 by PI

Stephen Wolff -Director, Corporate Questly Assurance

NOTICE OF SHIPMENT/ **PACKING LIST**

SOLD TO

UNITED PERFORMANCE METALS

CUST, ORD, NO & DATE

HAMILTON

FORMS DISTRIBUTION

3475 SYMMES ROAD

01021271

SOLD 1 SHIP

CUST, CODE ACCEPTING MILL SHIPPER NO

DO PRI-RATE ORUTY

VANDERGRIFT, PA. 1556215 GOVT CONTRACT

PRODUCT CODE 113020102060000 | 30-082-678 MATE. SHIPPING LOCATION 11124 VANDERGRIFT

10/15/12 PA | 659323

182037-9 **1**26 PRIME SEC. DSO DSO

REPEAT ORDER

516

SHIP TO UNITED PERFORMANCE METALS

3475 SYMMES ROAD

HAMILTON

OH 45015

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC. "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

08/28/12 110977

OH 45015

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.

DIN EN 10204:2005 - 3.1 ATI ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

CONSIGNEE. Please Note—This consignment was terned over to parties in first class condition, being correctly loaded, at which time our responsibility for loss or derruge in shipment coased. For your protection piceso examino shipmont as it enves. If any shortage or denegal is discovated, have a full description made by transportation agent on wayfull before signing.

Metoriel Saloty Data Sheets for this product have been Les fiches dinformation-sécurité de ce produit ent été fournies a voire

Metorial Salaty Data Sheets for this product never users the interest unanimous resource Pour obsert des examplaires supplierent substitutes au product of security plants 124-226-5980. CALIFON Processing their makes would all the control of solutions interest of security of securit pouvoni, dan causo do mabados prántomiros. Pour plus do rensolaromenis se

Stephen Wolf -Director, Corporate Quality Assurance OH 45015

PRODUCT CODE MILL ORDER NUMBER 13020102060000 | 30-082-678 MAT'L. SHIPPINGLOCATION 11124 VANDERGRIFT

10/15/12 PA 1659323

SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD

PRIME SEC. DSO DSO

82037-9 26

SHIP TO UNITED PERFORMANCE METALS

3475 SYMMES ROAD HAMILTON

GRADE AND SPECIFICATIONS

HAMIL/TON

CARRIER - GROSS.RONALD.INC. "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS \$30403) (UNS \$30200) (UNS \$30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATT AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 20 DATED 02/24/2012.

ATI ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH. (NOTIFIED BODY 0036).

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES: C. S BY COMBUSTION/INFRARED

N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF B BY OES

AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225 & T9317) NATRONA HEIGHTS, PA TECHNICAL CENTER; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TEST REPORTS ACCEPTED BY

DEC 2 8 7017

TW METAL

PAGE 03 - CONTINUED ON PAGE 04

CONSIGNEE. Please Note-This consignantly as brand over to carrier in first class condition, being correctly loaded, et which time our responsibility for 103 or drivinge in a light mark ceased. For your protection Library oxidities of signatures it is mixed.

WARRING

WAR phone 724-226-5989. CAUTION: Processing that makes furness, dust, or solutions may cause lung dispays. San Mainchel

department de que des acties. Pour obtenir des exampleires supplémentaires voutez tériphoner su numéro suivent 724-226-5860. Atonion: les traitorismis enfanteurs te production du vapous, pousseurs, ou souteurs personal, dire cause de matadies outropa élérer aux liches d'information-sécurité

10/15/12 15:22:26 The above is a true copy of date on the. The material and too

scription: 304L ANN stomer: TW Metals ipped: 11/13/2012 at: 951284

PERFORMANCE METALS
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material shipped on your purchase order
the following. UNITED

516

CUST, CODE

1556215

CUST, ORD, NO, & DATE 01021271 FORMS DISTRIBUTION SOLD 1 SHIP SPEC SOLD TO UNITED PERFORMANCE METALS

HAMILTON

3475 SYMMES ROAD

08/28/12 110977 VANDERGRIFT, PA. REPEAT ORDER DO PRI-GOVT CONTRACT 182037-9 26 PRIME SEC. DSO DSO

ACCEPTING MILL

PRODUCT CODE MILL ORDER NUMBER DATE SHIPPED 113020102060000 | 30-082-678 10/15/12 | MYOKE | MATL. SHIPPING LOCATION 1124 VANDERGRIFT PA | 659323 SHIP TO

UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON

OH 45015

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC. "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFCATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

- 1. MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
- 2. FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059

OH 45015

TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

TEST REPORTS ACCEPTED BY

DEC 2 8 2012

ISSUED BY ATI ALLEGHENY LUDLUM - 10/17/2012 08:20 CARRIE MCFALL - OUALITY ASSURANCE DEPT

carrier in first class condition, being correctly loaded, at which time our responsibility for loss or demayo in stripment council, For your production planse examine shipmont as it entres. If any shortage or densely is discovered, here a full description made by transportation agent on weight before signing.

Material Salety Date Sheets for this product here been a Les Riches d'information-sécurité de ce procuit ont été fournies a votre purchasing Department for an additional copy phous 724-226-5989. CAUTION Processing their maters turnes, dust, or salutions may causus lung discuss. Seu Medie ne secret par course de considération de constitue de co

Description: 304L ANN .C Customer. TW Metals Shipped: 11/13/2012 Heat 951284

UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in our flies the meterial stripped on your purchase order conforms to the fallowing.